Using Census Bureau
Demographic and
Economic Data to Spur
Economic Development

North Dakota State Data Center 2018 Demographics Conference March 20, 2018



Outline and Agenda

- Introduction
- Promoting Smart Economic Development
- Census Bureau Overview
 - The American Community Survey
 - Census Economic Surveys
 - The Economic Census
- A Shallow Dive into the Demographic Data for North Dakota
- A Deeper Dive into the Business Data...
- Q&A

Our Scenario

- How Do We Promote Smart Economic Development?
 - How are the demographics of our state changing, and how does this impact their business needs?
 - What sectors and industries are doing well and how can we continue to promote these and related businesses?
 - What sectors and industries are not doing as well and how can we improve?
 - How can we help businesses succeed?
- What Census Bureau Data Can We Use to Do This?
 - Latest data for employer businesses (from *County Business Patterns*)
 - Impact/importance of nonemployer businesses (from *Nonemployer Statistics*)
 - Latest detailed revenue data and data for local areas (from the *Economic Census*)
 - Impact/importance of minority- and women-owned businesses (from the Survey of Business Owners)

About the Census Bureau

- The U.S. Census Bureau is the federal government's largest statistical agency.
- We conduct more than 130 censuses and surveys each year, including
 - The Decennial Census the once-a-decade population and housing count of all 50 states
 - The American Community Survey the ongoing annual survey of the nation's population
 - The Economic Census the official five-year measure of American business
- Our mission is to serve as the leading source of quality data about America's people, places, and economy.

Decennial Population and Housing Census **Every 10 years**

Economic Census Every 5 years

Census of Governments Every 5 years

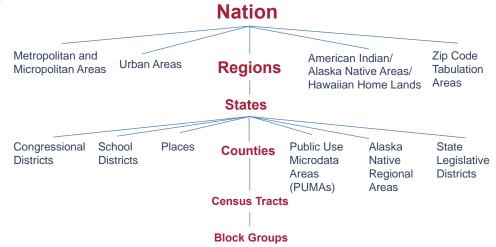
American Community Survey Annual

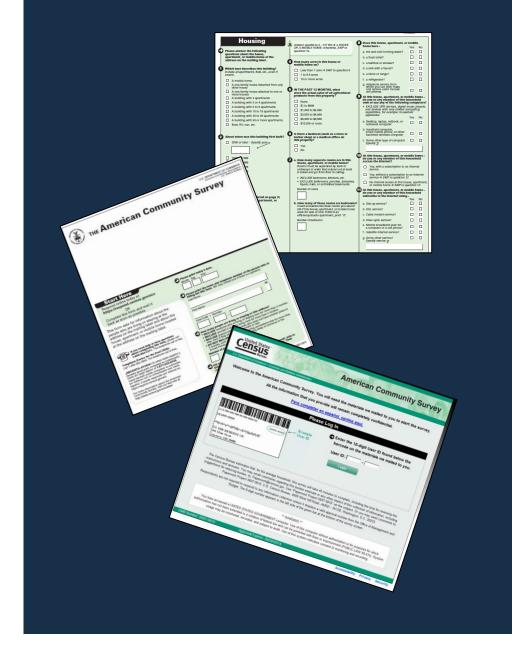
> **Annual Retail Trade Annual**

Plus more than 130 demographic and economic surveys every year

American Community Survey

- Ongoing monthly survey sent to 3.5 million addresses per year to produce detailed population and housing estimates
- Designed to produce critical information on small areas and small population groups previously collected on the decennial long form
- Supports over 300 known Federal Government uses
- Reports on more than 35,000 communities, 930,000 "geographic areas."





ACS Content

Social

Ancestry **Citizenship Status Disability Status**

Educational Attainment & School Enrollment

Fertility

Grandparents as Caregivers

Language Spoken at Home

Marital History; Marital Status

Migration/Residence 1 Year Ago

Period of Military Service

Place of Birth

Undergraduate Field of Degree

Veteran Status

Year of Entry

Demographic

Age **Hispanic or Latino Origin** Race

Relationship to Householder Sex

Economic

Commuting (Journey to Work) Place of Work **Employment Status** Food Stamps/SNAP **Health Insurance Coverage Income and Earnings Industry, Occupation Class of Worker Poverty Status Work Status Last Year**

Housing

Bedrooms

Computer and Internet Use

House Heating Fuel

Kitchen Facilities

Occupancy/Vacancy Status

Occupants Per Room

Plumbing Facilities

Rent

Rooms

Selected Monthly Owner Costs

Telephone Service Available

Tenure (Owner/Renter)

Units in Structure

Value of Home

Vehicles Available

Year Householder Moved In

Year Structure Built

35+ Topics

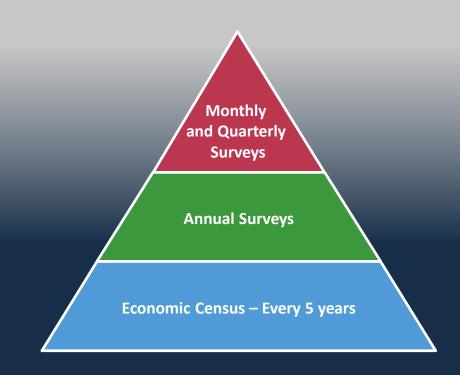


1000+ Tables



11 Billion Estimates





Census Economic Surveys

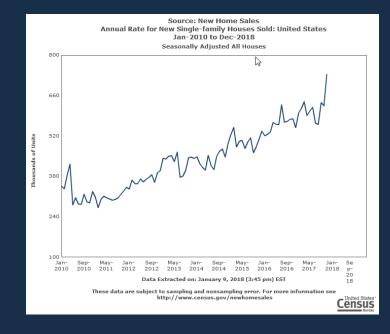
- Census Bureau Economic Surveys are a key source for official statistics companies can use:
 - Monthly and Quarterly are small sample surveys that provide the most TIMELY data available
 - Annual surveys have larger samples and provide the most up-to-date TREND data available
 - Every 5 years, the Economic Census measures all businesses and provides the most **COMPREHENSIVE** data available
- These surveys set the standard for U.S. economic statistics, and are fueled by the data provided by individual businesses

Economic Indicators



- 17 Census Bureau surveys that provide key economic statistics for nearly every sector
 - Monthly, including:
 - Retail Trade Survey, Building Permits, and **Exports/Imports**
 - Quarterly Financial Report; Quarterly Services Survey
- Sample surveys
- Shown at the national level only, except:
 - **Building Permits/Housing Starts**
 - International Trade data
- Released on the *Economic Indicators Briefing Room:* www.census.gov/economic-indicators/index.php

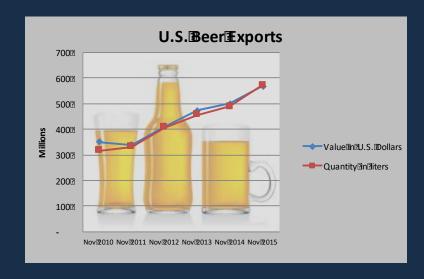


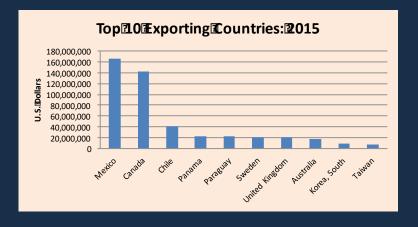


International Trade



- 10 Census Bureau surveys that provide monthly and annual U.S. exports and imports statistics at the national, state, and port levels
- Also provides data by Commodity Classification
 - e.g. Beer and Ale sales across multiple industries (liquor stores, grocery stores, convenience, etc.)
- Issues export regulations from the U.S.
- See census.gov/foreign-trade/data/index.html

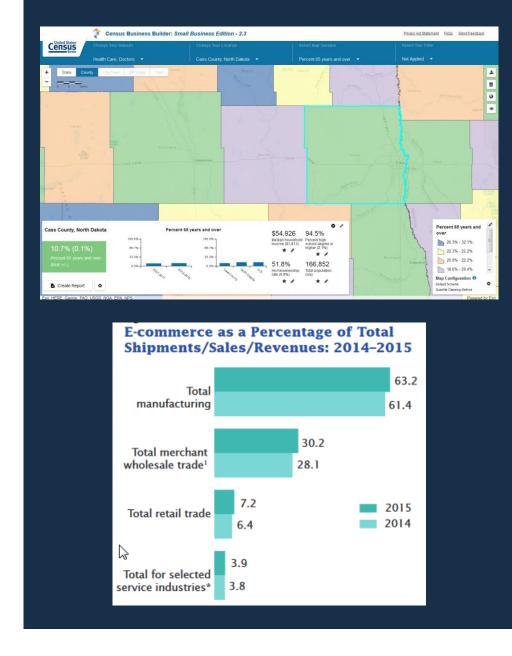




Annual Economic Programs

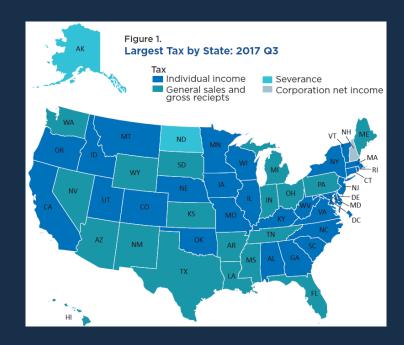


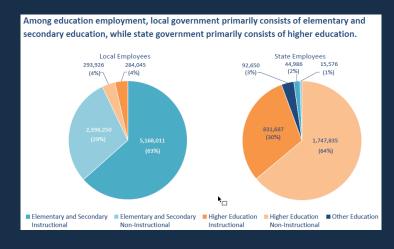
- 20 Census Bureau surveys that provide annual economic statistics for nearly every sector
- Sample surveys or administrative data
- Shown primarily at the national level, except:
 - County Business Patterns: National, State, Metro, County, ZIP Code
 - Non-Employer Statistics: National, State, Metro, County
 - Annual Survey of Manufacturers: National and State
- Other Related Annual Programs, including Retail eCommerce Sales (E-Stats) and Annual Capital Expenditures Survey
- Released on American FactFinder, QuickFacts, Excel files, and other Census tools



Public Sector (Governments)

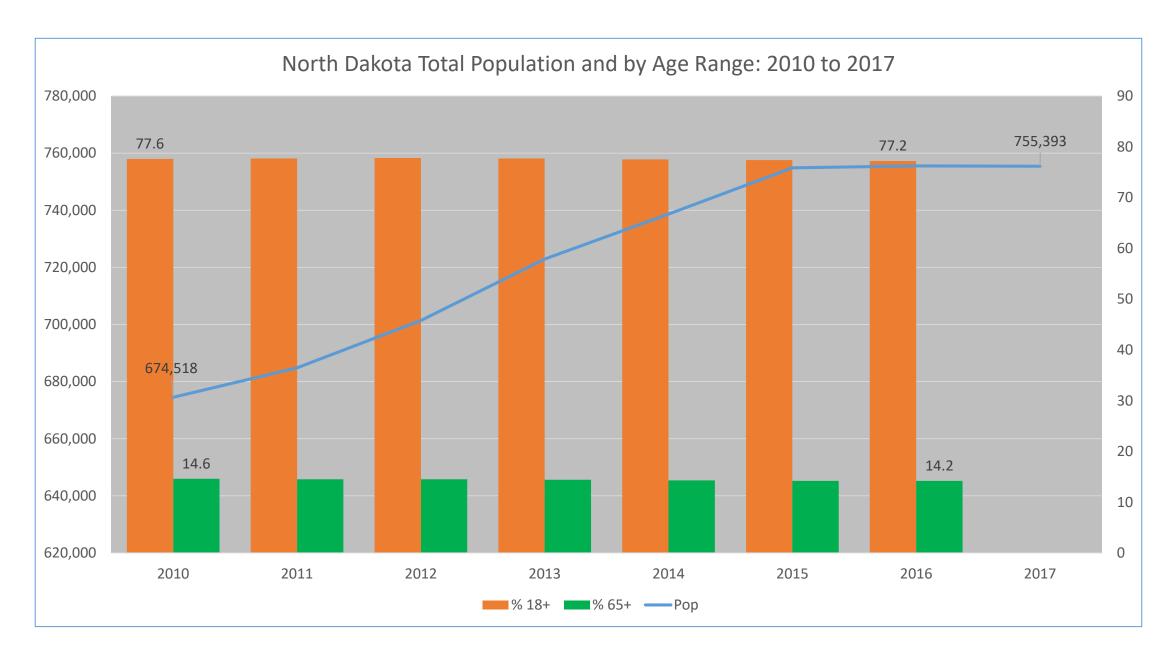
- 5 surveys that provide economic statistics about state and local governments
- Serve as public-sector counterpart to private sector data
- Response is voluntary
- Virtually no confidentiality restriction data is public record
- Core Program Content
 - Organization and Structure
 - **Government Employment**
 - **Government Finances**
- Released on American FactFinder, Excel files, and other Census tools

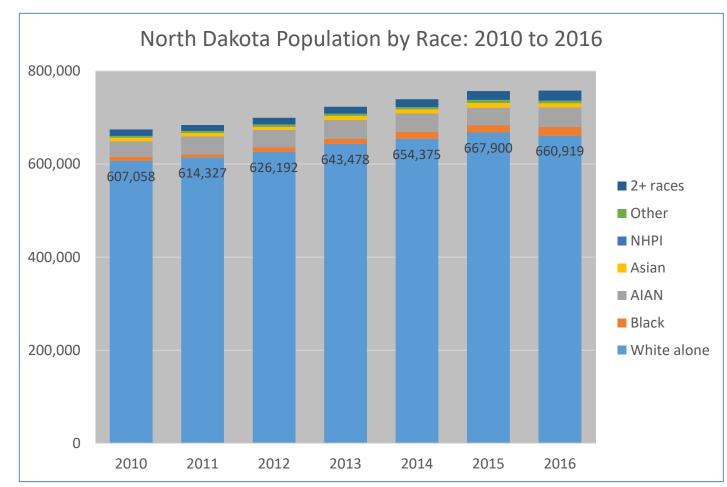


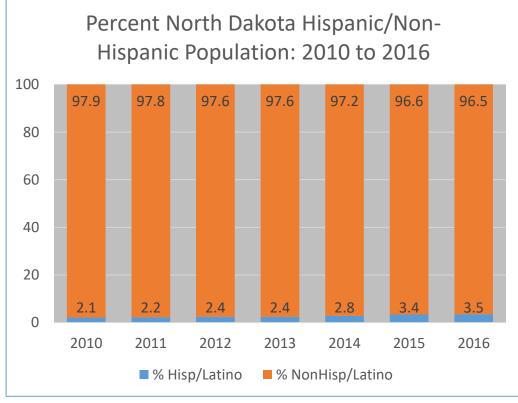


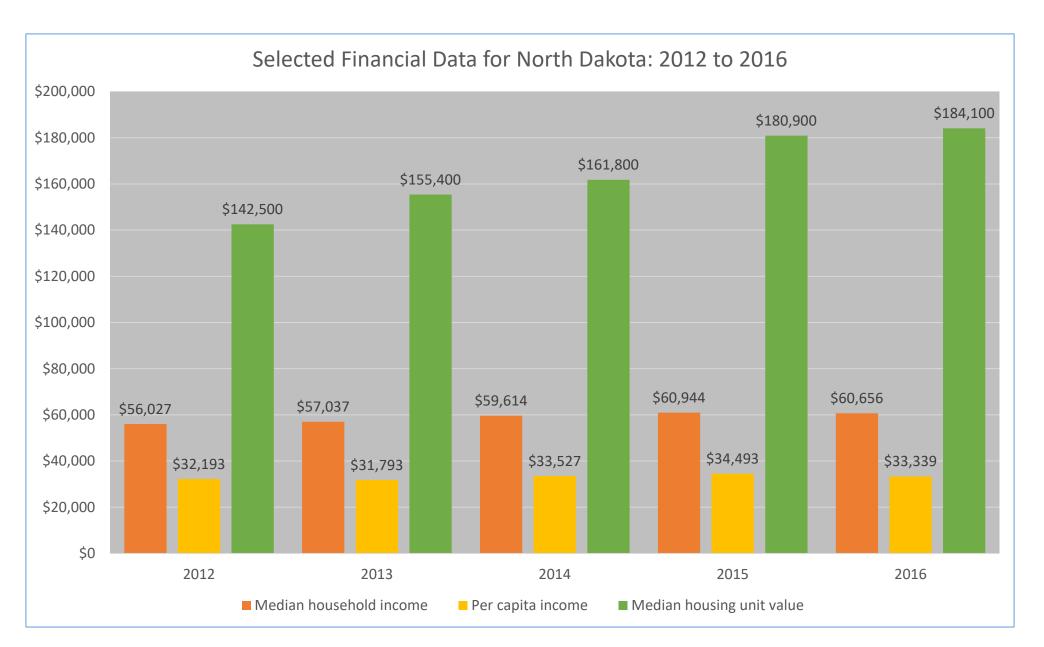


What's Happening with the **Population in** North Dakota?









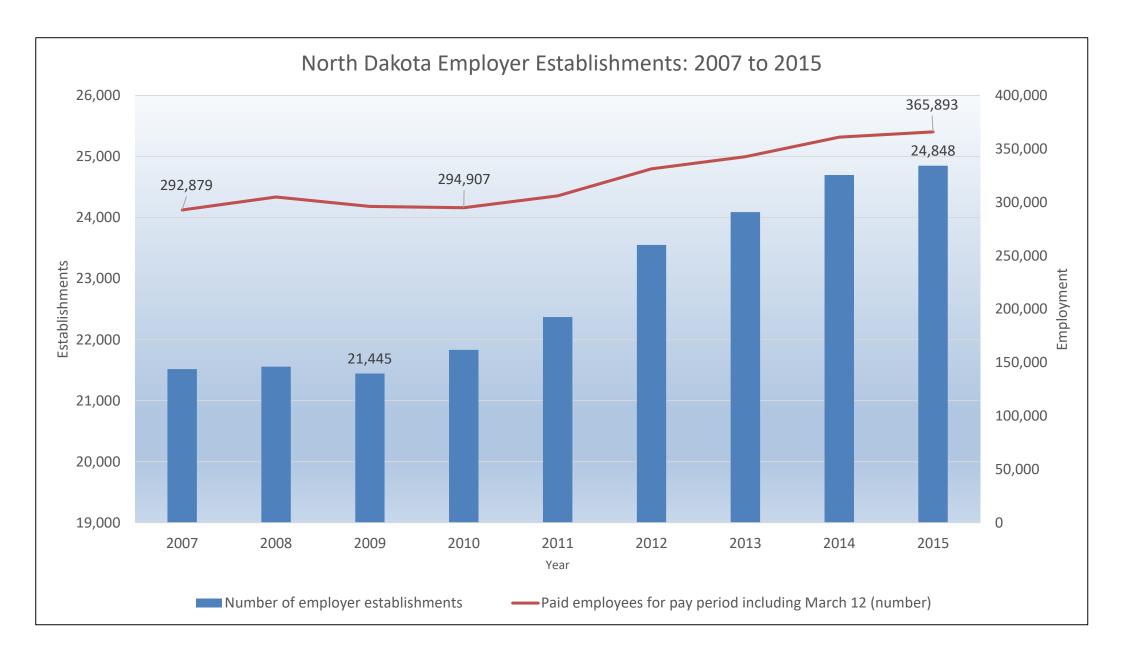


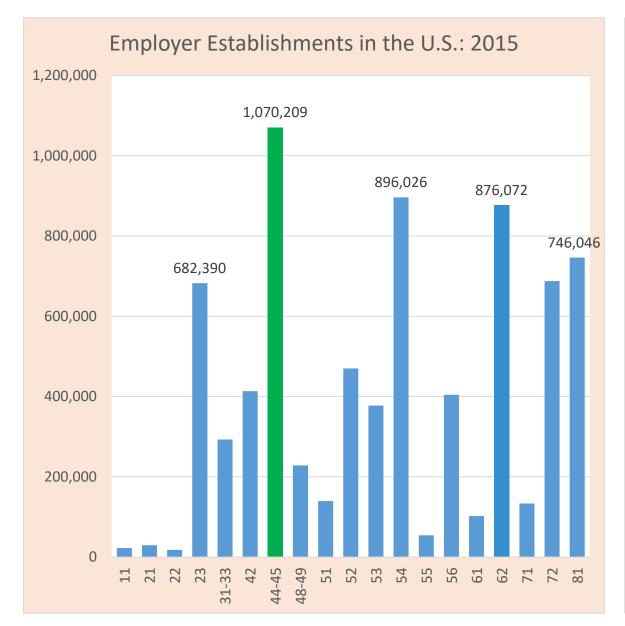
What's Happening with **Businesses** in North Dakota?

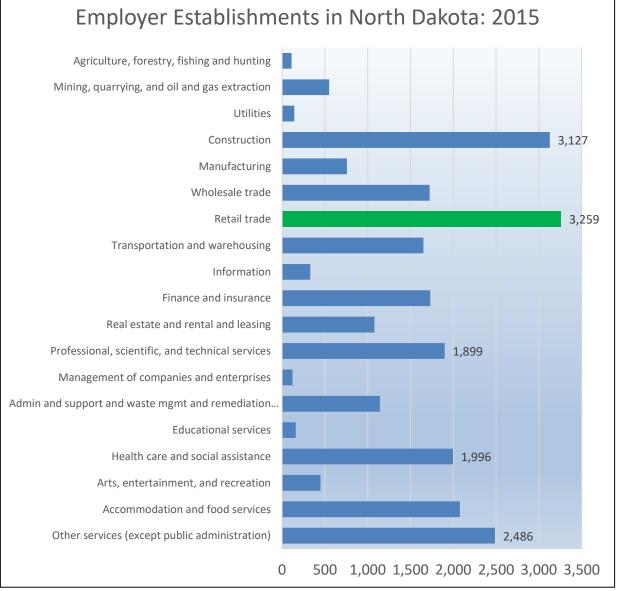
Employer Businesses

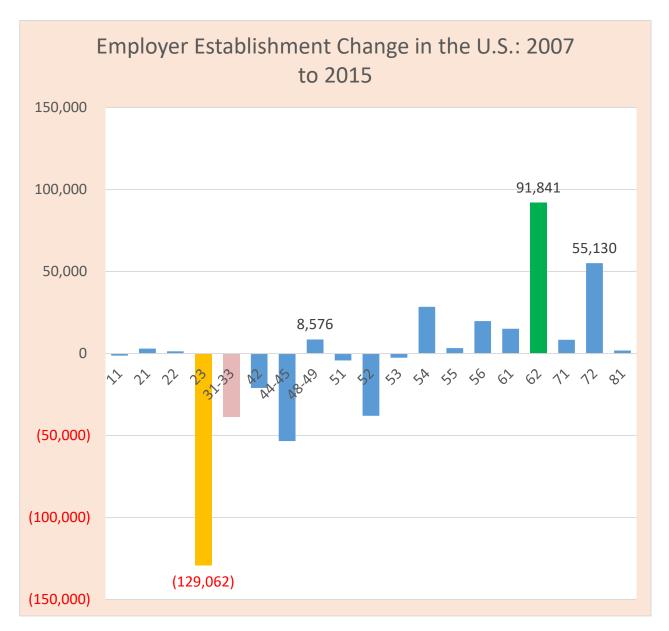
- Includes businesses with 1 or more paid employees
- File the Payroll Tax Form 940/941 with the **IRS**
- Covered by most Census Bureau economic programs (and most other sources)
- Make up 25% of all US businesses but over 96% of GDP
- The primary engine that drives the US economy

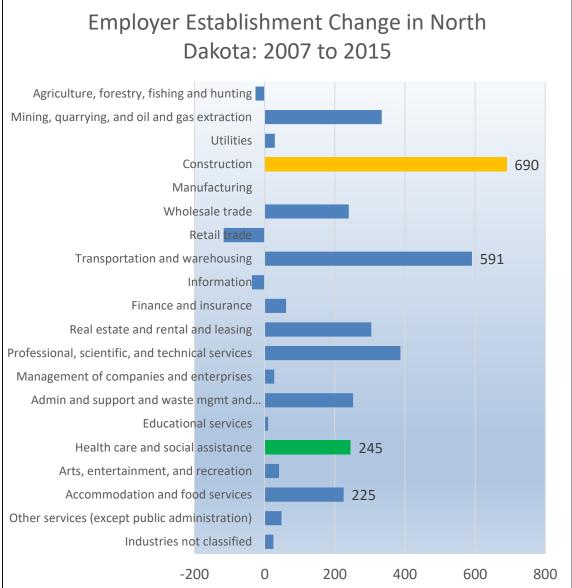


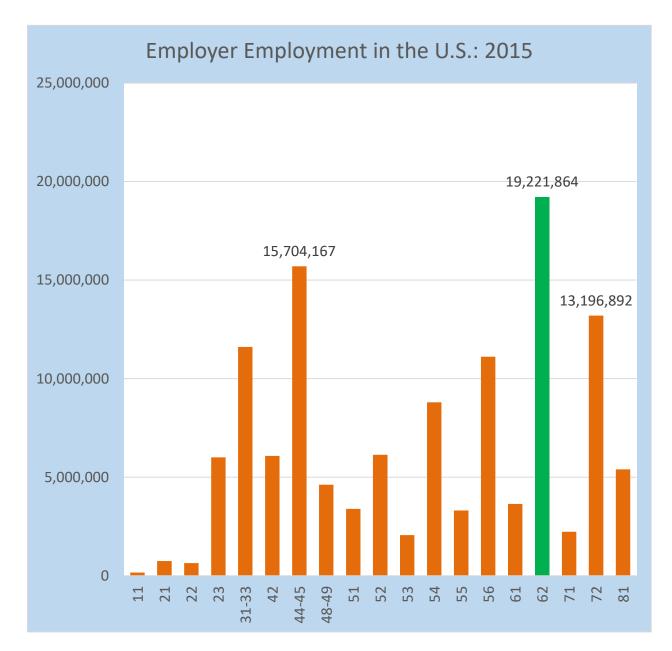


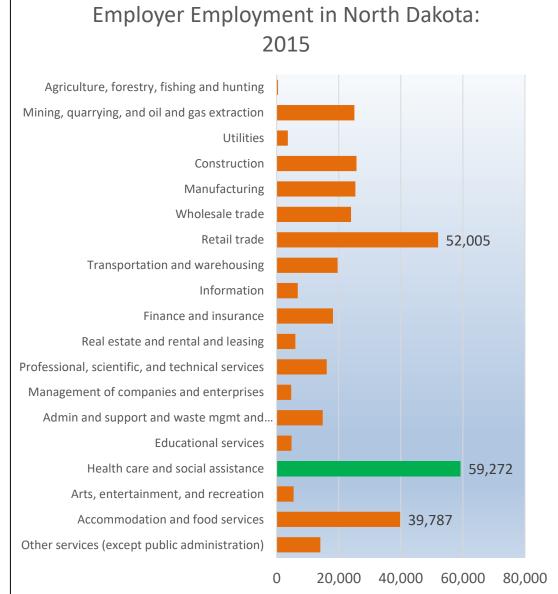




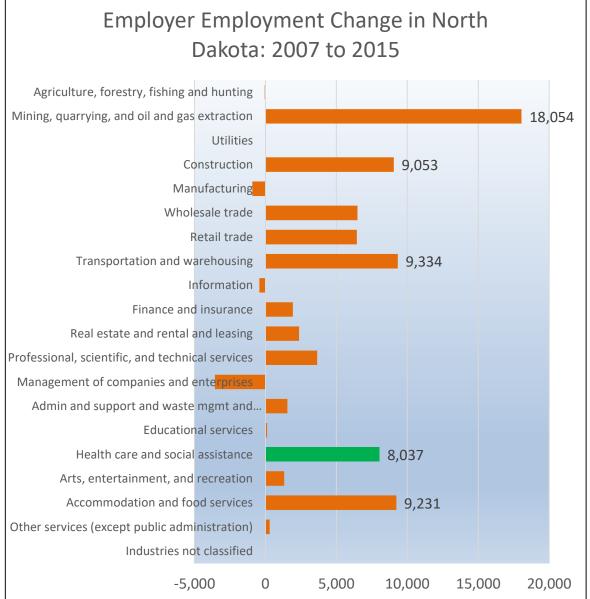


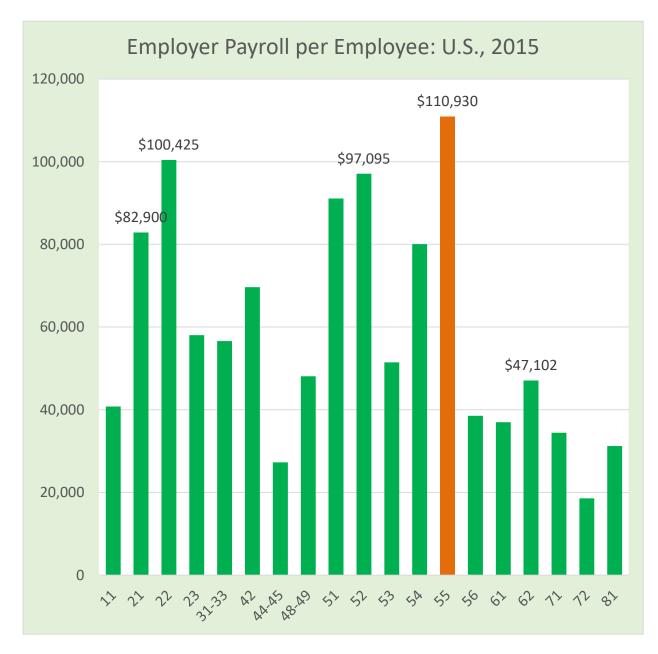


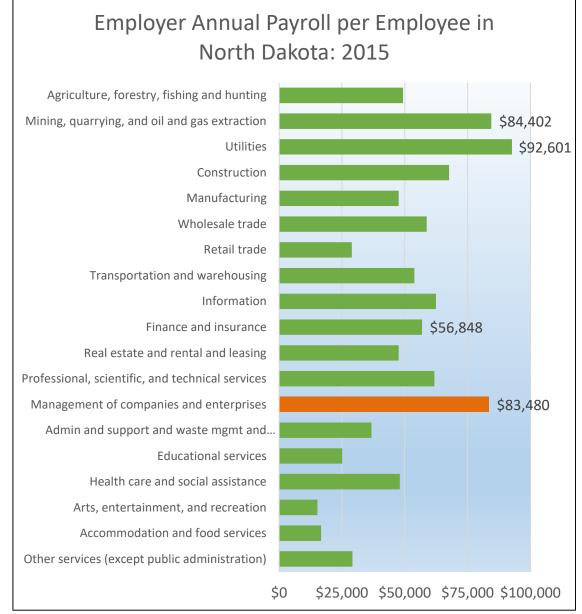


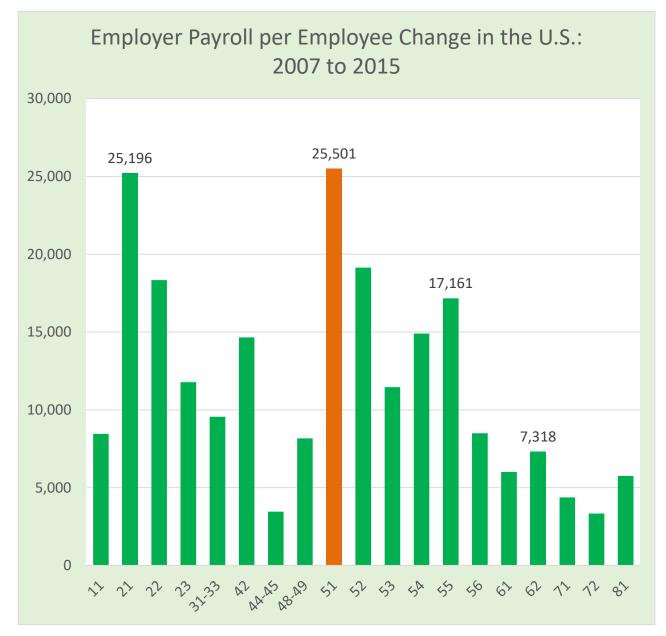


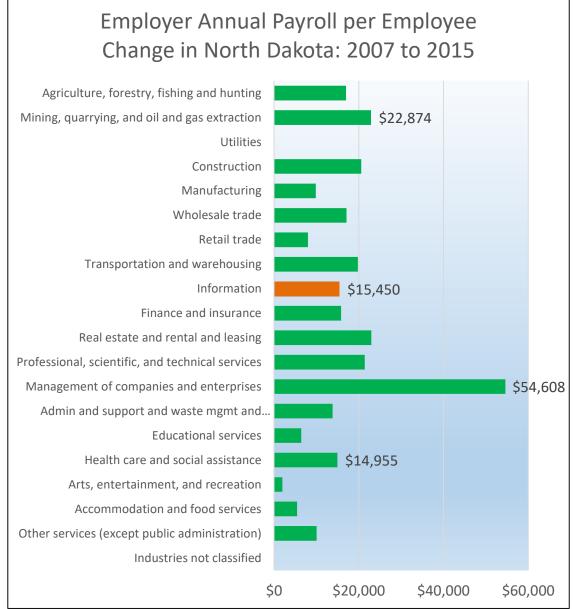












		201	5		Change: 2007 to 2015					
Geographic area name	Number of establish- ments	Paid employees for pay period including March 12 (number)	Annual payroll (\$1,000)	Annual payroll per employee (\$)	Number of establish- ments	Paid employees for pay period including March 12 (number)	Annual payroll (\$1,000)	Annual payroll per employee (\$)		
Cass County	5,436	102,901	4,655,787	45,245	494	9,687	1,523,359	11,641		
Burleigh County	3,040	47,707	2,233,837	46,824	366	5,037	808,319	13,416		
Ward County	2,150	29,739	1,337,142	44,963	451	7,061	721,087	17,797		
Grand Forks County	1,918	34,034	1,306,292	38,382	95	2,096	405,202	10,168		
Williams County	1,564	26,379	1,788,591	67,804	689	18,155	1,492,019	31,742		
Stark County	1,225	17,543	913,300	52,061	333	6,589	579,335	21,573		
Morton County	833	9,862	445,539	45,177	111	1,849	187,536	12,979		
Stutsman County	693	9,349	346,421	37,054	27	613	132,117	12,523		
McKenzie County	536	7,444	490,134	65,843	360	6,154	442,451	28,879		
Richland County	536	6,232	238,881	38,331	9	(30)	60,383	9,826		

County Rankings

Number of **Establishments**

Geographic area name	Number of establish- ments	Paid employees for pay period including March 12 (number)	Annual payroll (\$1,000)	Annual payroll per employee (\$)	Number of establish- ments	Paid employees for pay period including March 12 (number)	Annual payroll (\$1,000)	Annual payroll per employee (\$)
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Stark County	1,225	17,543	913,300	52,061	333	6,589	579,335	21,573
Mountrail County	394	4,915	287,522	58,499	200	3,510	250,308	32,012
Morton County	833	9,862	445,539	45,177	111	1,849	187,536	12,979
Dunn County	190	3,084	176,297	57,165	104	2,222	155,027	32,490
Grand Forks County	1,918	34,034	1,306,292	38,382	95	2,096	405,202	10,168

2015

Change: 2007 to 2015

		201	.5		Change: 2007 to 2015				
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Burleigh County	3,040	47,707	2,233,837	46,824	366	5,037	808,319	13,416	
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Richland County	536	6,232	238,881	38,331	9	(30)	60,383	9,826	

County Rankings

Number of Employees

3 (30) 00,383	3,020	Paid				Paid		
Geographic area name	Number of establish- ments	employees for pay period including March 12 (number)	Annual payroll (\$1,000)	Annual payroll per employee (\$)	Number of establish- ments	employees for pay period including March 12 (number)	Annual payroll (\$1,000)	Annual payroll per employee (\$)
Williams County	1,564	26,379	1,788,591	67,804	689	18,155	1,492,019	31,742
Cass County	5,436	102,901	4,655,787	45,245	494	9,687	1,523,359	11,641
Ward County	2,150	29,739	1,337,142	44,963	451	7,061	721,087	17,797
Stark County	1,225	17,543	913,300	52,061	333	6,589	579,335	21,573
McKenzie County	536	7,444	490,134	65,843	360	6,154	442,451	28,879
Burleigh County	3,040	47,707	2,233,837	46,824	366	5,037	808,319	13,416
Mountrail County	394	4,915	287,522	58,499	200	3,510	250,308	32,012
Dunn County	190	3,084	176,297	57,165	104	2,222	155,027	32,490
Grand Forks County	1,918	34,034	1,306,292	38,382	95	2,096	405,202	10,168
Morton County	833	9,862	445,539	45,177	111	1,849	187,536	12,979

2015

Change: 2007 to 2015

		201	15		Change: 2007 to 2015					
Geographic area name	Number of establish- ments	Paid employees for pay period including March 12 (number)	Annual payroll (\$1,000)	Annual payroll per employee (\$)	Number of establish=- ments	Paid employees for pay period including March 12 (number)	Annual payroll (\$1,000)	Annual payroll per employee (\$)		
Oliver County	40	668	56,617	84,756	(2)	132	27,517	30,465		
Mercer County	243	4,404	306,688	69,639	4	na	na	na		
Slope County	18	88	6,094	69,250	4	na	na	na		
Williams County	1,564	26,379	1,788,591	67,804	689	18,155	1,492,019	31,742		
McKenzie County	536	7,444	490,134	65,843	360	6,154	442,451	28,879		
Mountrail County	394	4,915	287,522	58,499	200	3,510	250,308	32,012		
Billings County	61	384	22,288	58,042	24	277	17,284	11,275		
Dunn County	190	3,084	176,297	57,165	104	2,222	155,027	32,490		
McLean County	258	2,574	146,072	56,749	24	508	64,247	17,144		
Stark County	1,225	17,543	913,300	52,061	333	6,589	579,335	21,573		

County Rankings

Average Annual Payroll per **Employee**

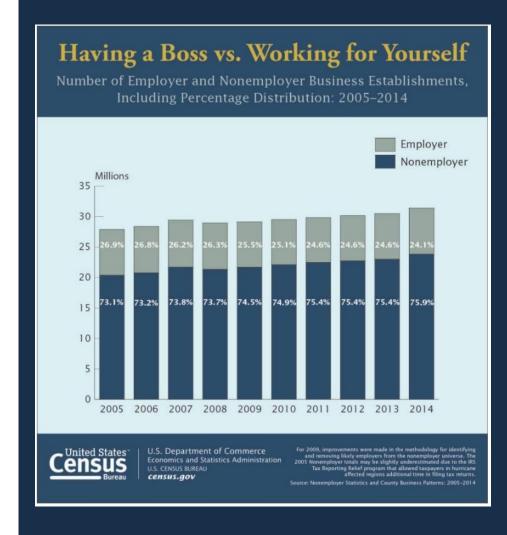
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Oliver County	40	668	56,617	84,756	(2)	132	27,517	30,465
Divide County	119	857	39,370	45,939	31	298	30,459	29,998
McKenzie County	536	7,444	490,134	65,843	360	6,154	442,451	28,879
Burke County	87	430	20,817	48,412	(1)	55	11,060	22,393
Stark County	1,225	17,543	913,300	52,061	333	6,589	579,335	21,573
Bottineau County	279	1,925	80,437	41,785	16	298	43,224	18,913
Ward County	2,150	29,739	1,337,142	44,963	451	7,061	721,087	17,797

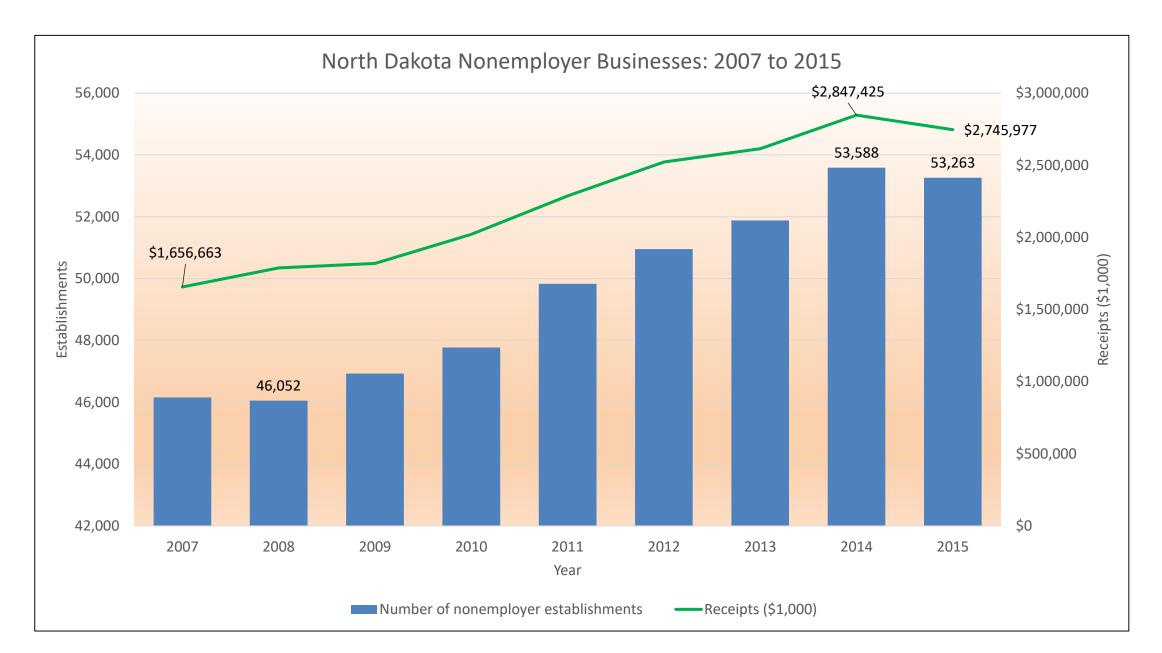
2015

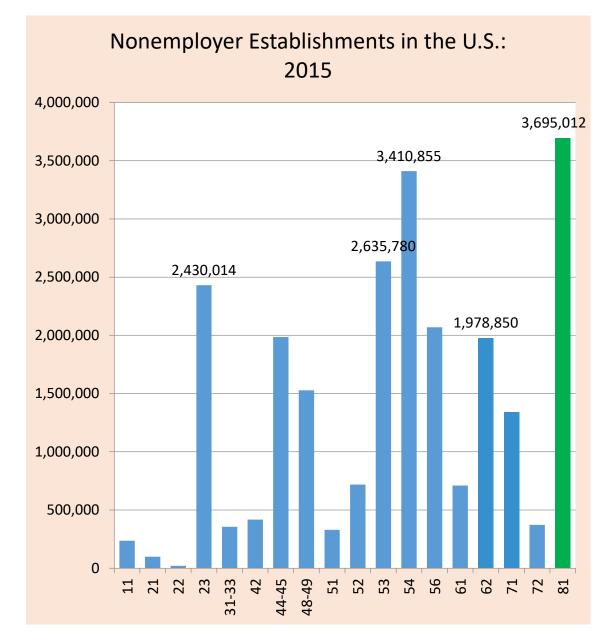
Change: 2007 to 2015

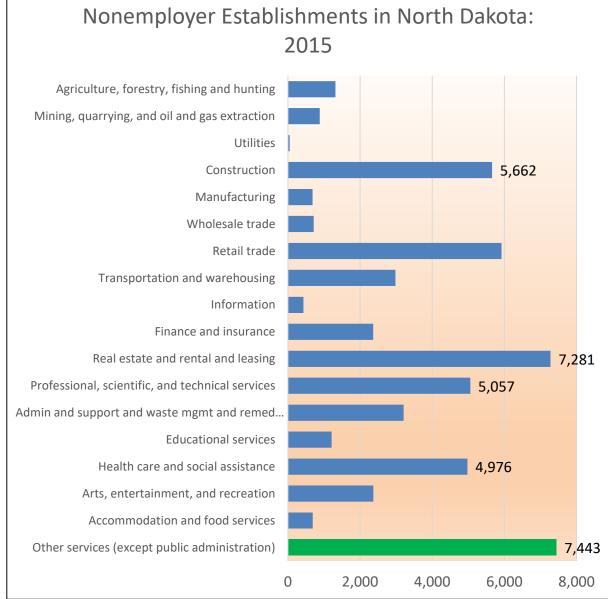
Nonemployer Businesses

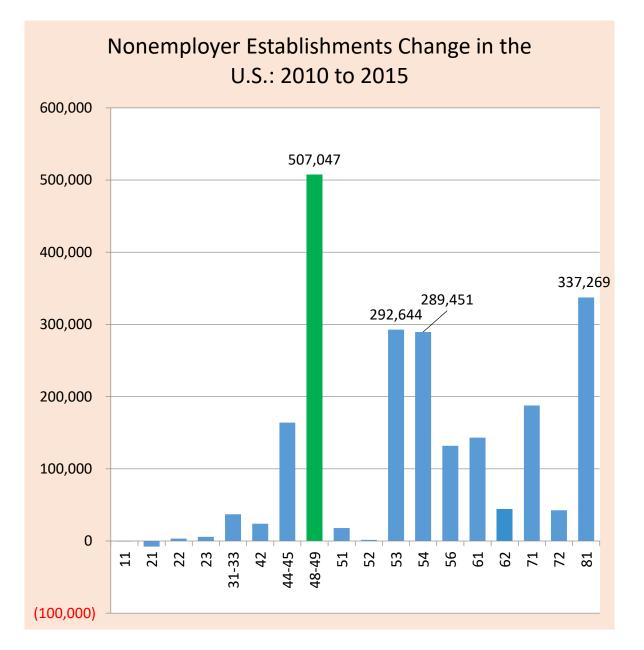
- Includes businesses with no paid employees
- File the Tax Form 1040 Schedule C or SE with the IRS
- Only covered by a few Census Bureau economic programs (not covered by most other sources)
- Make up 75% of all US businesses but less than 4% of GDP, but...
- A key engine that drives the economic growth

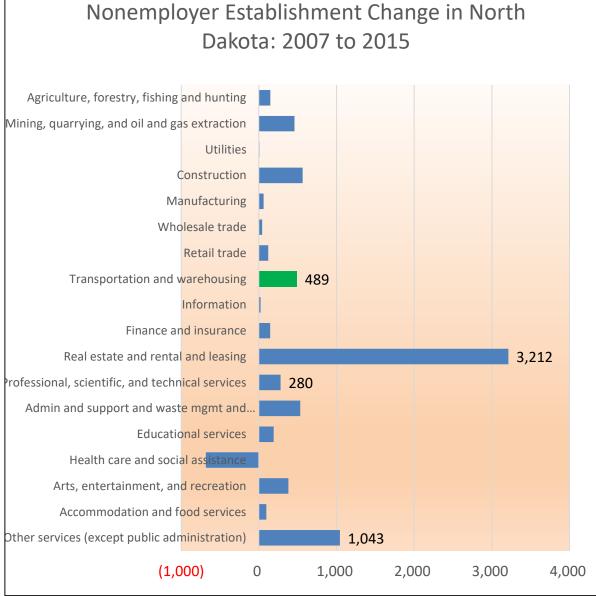


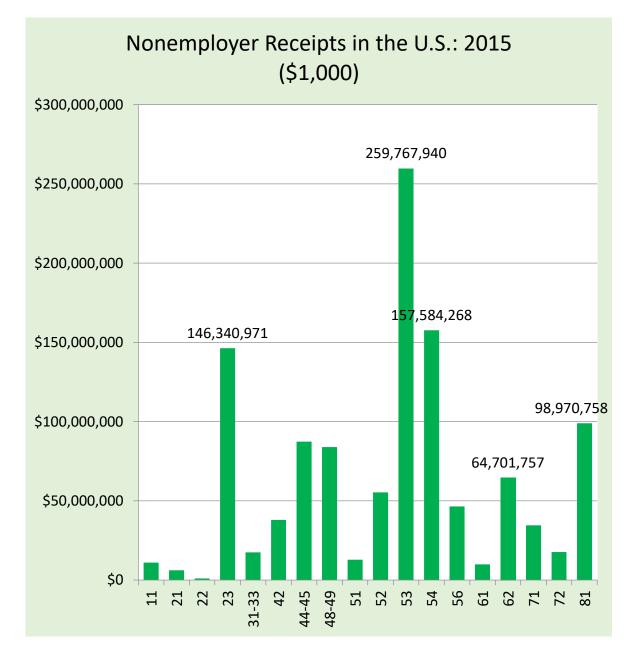


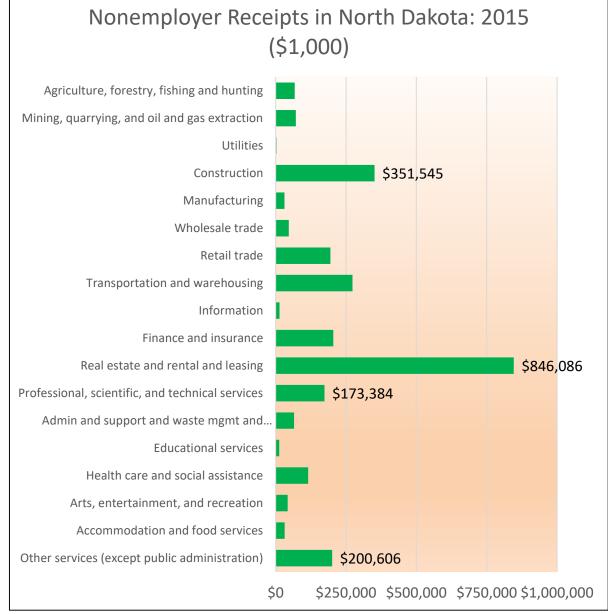


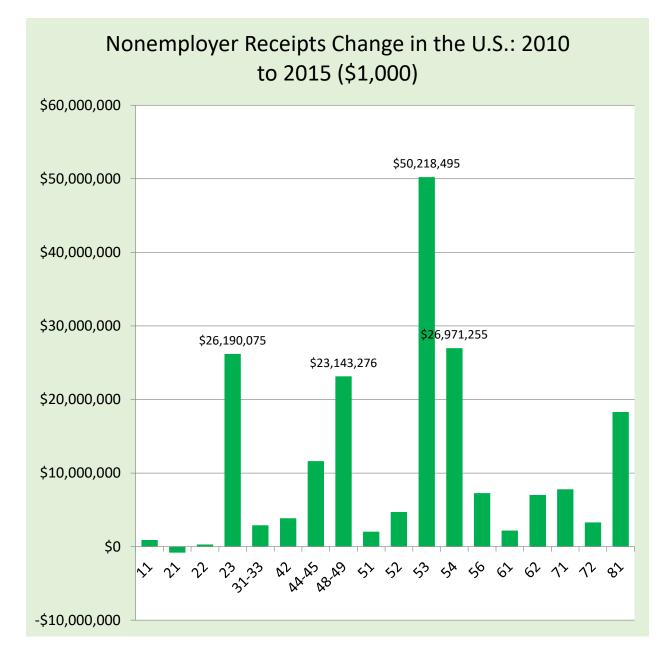


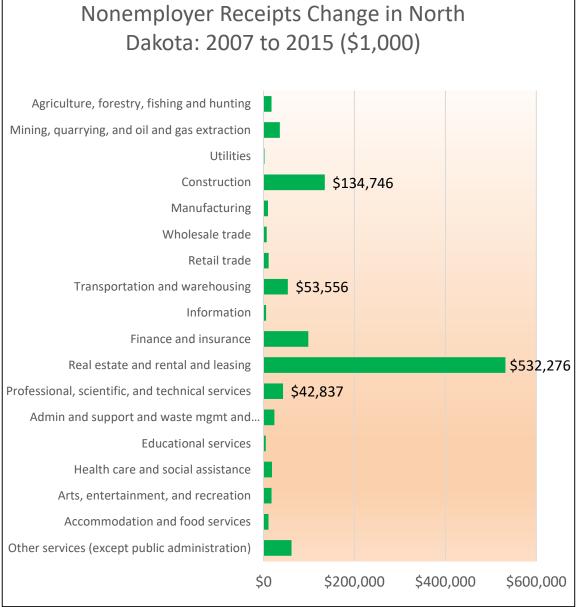














Place-Level Data and Data on **Employer Business Revenue**

- Place-level data only published in the **Economic Census**
 - Incorporated places and CDPs of 2,500+ population or jobs
 - Significant disclosure suppressions (# Estabs always published)
- Sales, shipments, receipts, revenue, and business done also published in the EC

Decennial Population and Housing Census **Every 10 years**

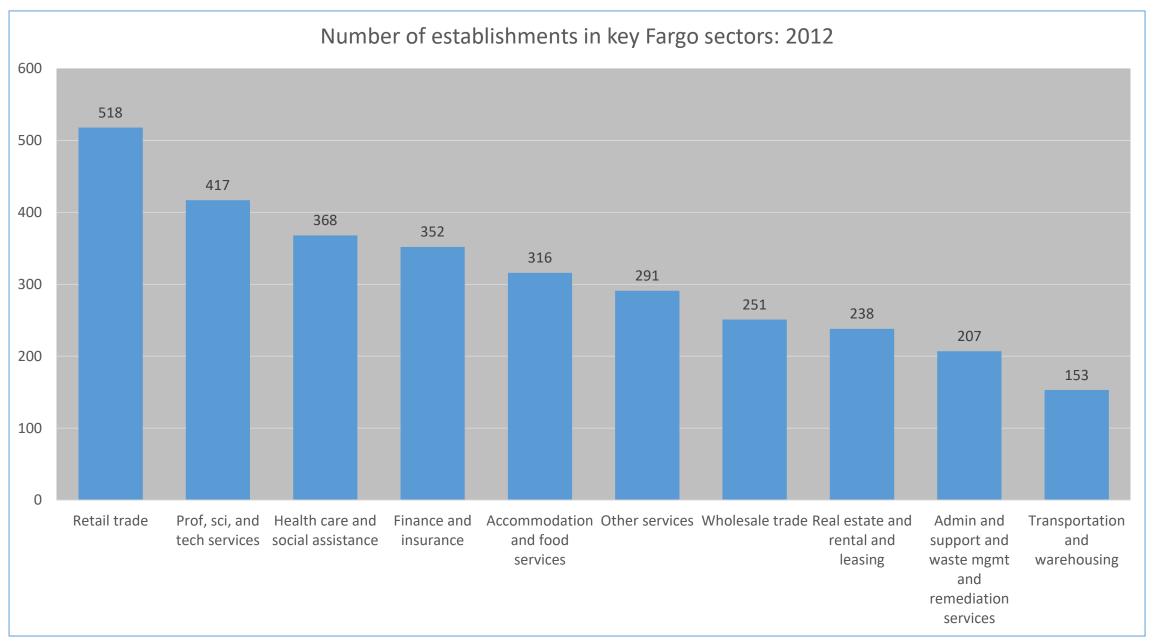
Economic Census Every 5 years

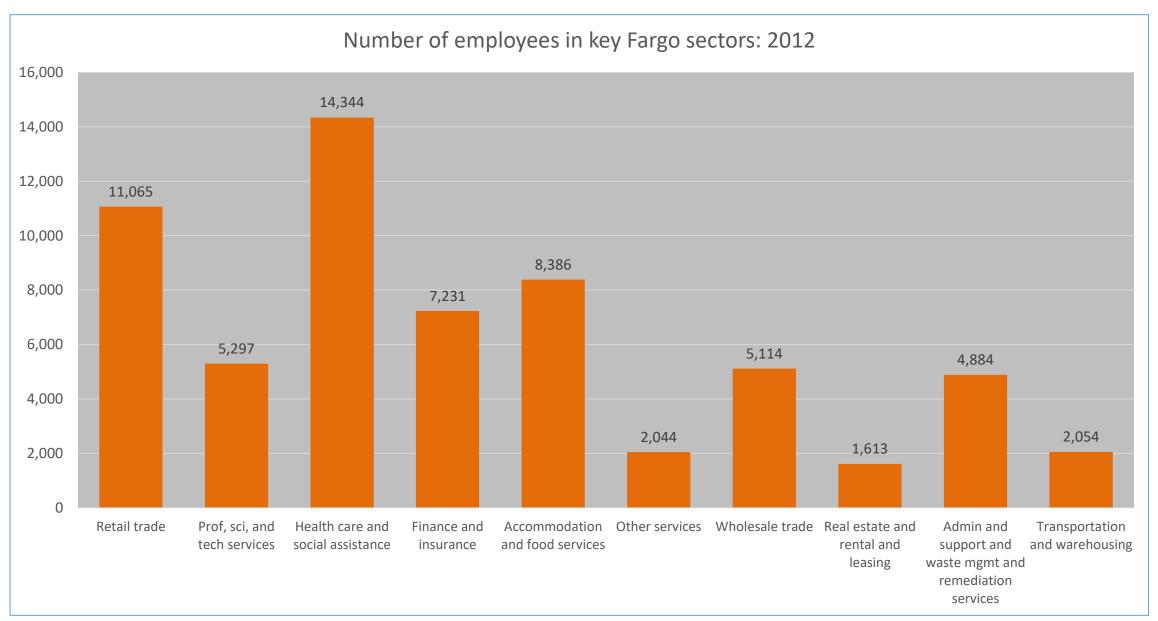
Census of Governments Every 5 years

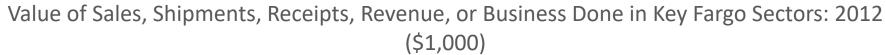
American Community Survey Annual

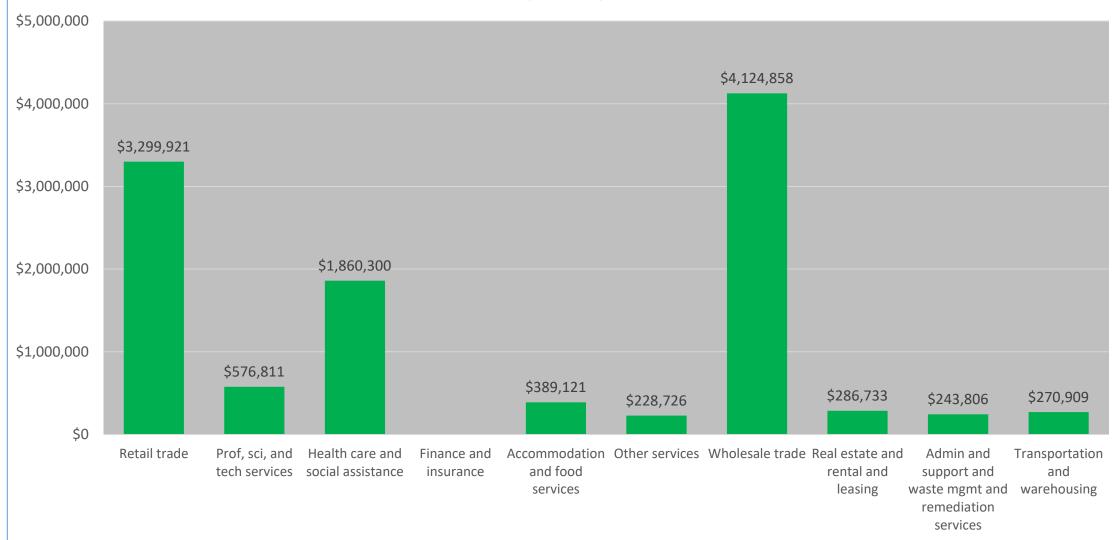
> **Annual Retail Trade Annual**

Plus more than 130 demographic and economic surveys every year



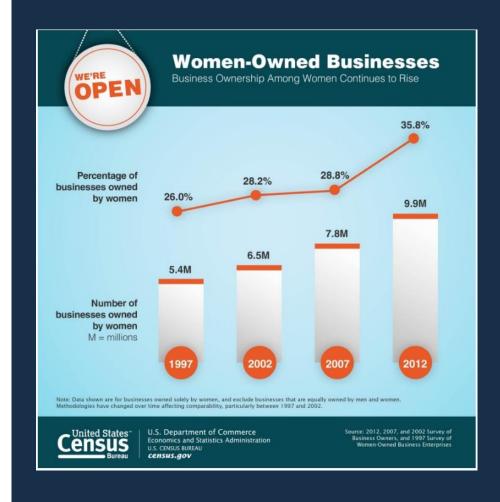


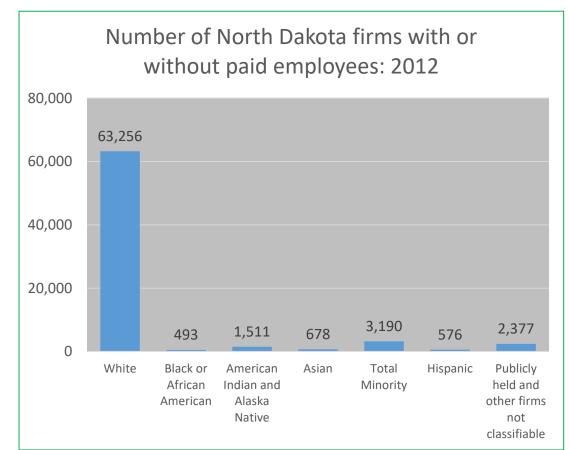


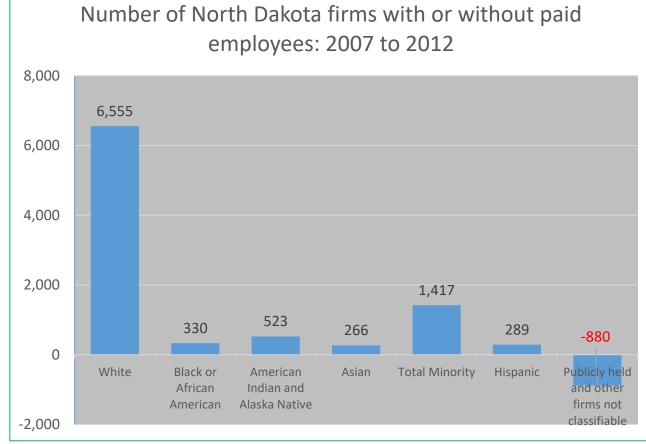


Minority-, Women-, and Veteran-**Owned Businesses**

- Includes businesses with and without paid employees (employers and nonemployers)
- Covered by two Census Bureau economic program (not covered by most other sources)
 - Survey of Business Owners
 - Annual Survey of Entrepreneurs
- Programs include breakouts based on the Race, Ethnicity, Gender, and Veteran Status of the business owner; plus business characteristics
- Share of businesses varies widely by industry and geography

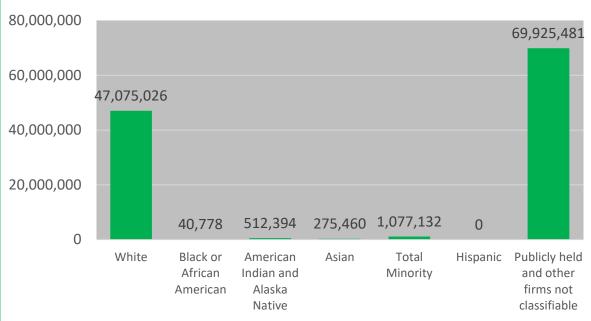


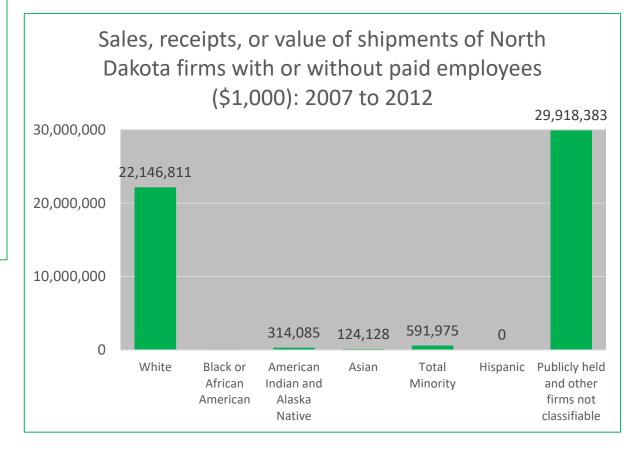


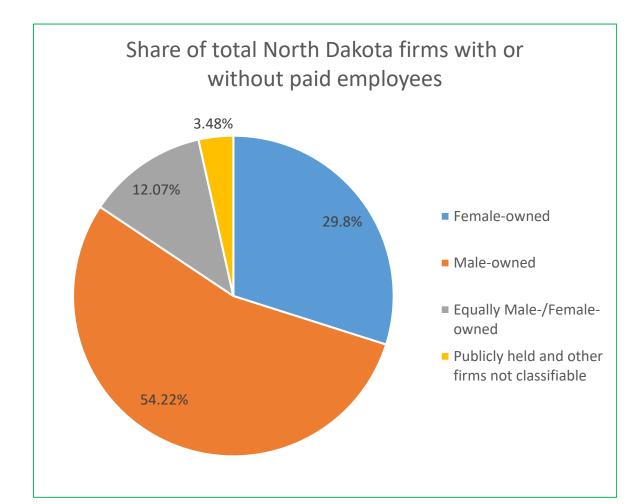


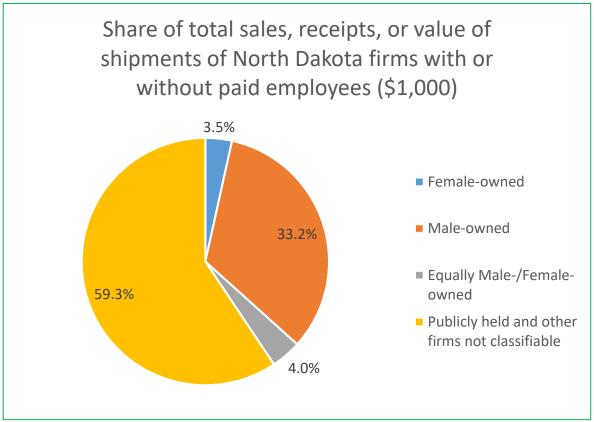


Sales, receipts, or value of shipments of North Dakota firms with or without paid employees: 2012 (\$1,000)



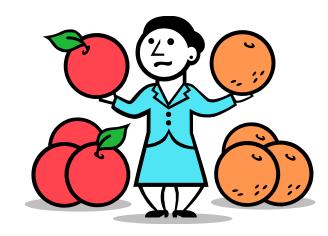






So... What Else?

- Drill down to more detailed industries
 - Detailed industries within each sector
- Drill down to more detailed geographies
 - Places within each County
- Compare to other geographies
 - ND and ND counties to other states
 - ND counties with your region
- View other related data
 - ZIP Code and Product lines data
- Merge in more demographic data
 - Per capita calculations
- Merge in data from other sources
 - Census and non-Census





Promoting Response to the 2017 **Economic** Census



About the Economic Census

- The U.S. Census Bureau measures the nation's population once every 10 years. It also measures U.S. businesses every 5 years with the Economic Census
- The next Economic Census will be conducted in the second quarter of 2018. Companies report their 2017 year-end numbers
- Response is required by law
- Responses are confidential. Company data is used for statistical purposes only. The Census Bureau is required by law to keep your information private and secure
- Response is required online. This reduces the time needed for completion, improves accuracy, and provides significant cost savings for taxpayers
- Results from the Economic Census are free and available to guide business decisions and policy-making

Economic Census Response

- Program launches in May 2018
 - Official letters mailed with web address and unique company code to access online survey
 - Deadline for response is June 12, 2018
- Respondents will be instructed to set up online account on secure website to complete survey
 - New requirement for Census Bureau economic surveys
 - Similar to other online accounts with email username, password, security questions
- Key changes include
 - Online response requirement, new reporting instrument for businesses with multiple locations, change in data collection timeframe
- Help will be available online and via telephone
- Informational website to launch in March



Communications to Organizations Three dates to remember: "9-8-7"





June						
S	M	Т	W	Т	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

April 9th

Communications Campaign launches. Organizations asked to distribute advance information to membership – "Economic Census is Coming in early May" with "How to Prepare" kit.

May 8th

Official letters with online access codes are arriving at respondent businesses. Organizations asked to distribute "Arrival" email with invitation to "How to Respond" Webinar held week of May 14th.

June 7th

Organizations asked to distribute "Due Date Reminder" email to membership and additional communications in advance of Economic Census response deadline – June 12th

- Communications materials to inform membership are available for download online
- All information and materials will be available at: www.census.gov/EconomicCensus



Summary

- A wealth of data available from Census Bureau **Economic Programs**
- Using these data can help spur economic development by helping us understand the local economy
- Garbage In = Garbage Out... help us promote response to our programs to ensure the quality of the data we publish

Q & A and Thank You!

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